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Application Number: **JP1999000138494**

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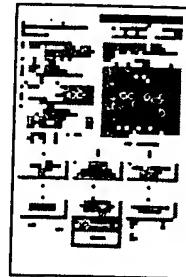
Abstract: **Problem to be solved: To obtain an admixture that can maintain the fluidity for a long time, reduces the transportation trouble with reduced slump loss in the pumping and facilitates the cement casting into the framework by pulverizing an organic compound that is insoluble or slightly soluble in water in a specific temperature range and melts at a specific temperature in a specific average particle size and admixing a retardant to the powder.**

**Solution:** The organic compound to be employed is insoluble or slightly soluble in water at 4-20°C, melts at 30-100°C and the average particle size is adjusted to 10-500 microns. In an embodiment, this organic compound is selected from the group consisting of wax, fat and oil, fatty acid, fatty acid ester, metallic soap, higher alcohol and thermoplastic resin. In a preferred embodiment, the retardant is selected from fluoride, phosphate, borate, hydroxycarboxylic acid (or its salt), ketocarboxylic acid (or its salt), saccharide or sugar alcohol. According to the slump flow test (JIS A 1101), the value is 18.0 cm, in the case of no addition of the retardant, while 13.0-14.0 cm in the case of 0.5 wt.% based on the cement.

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Other Abstract Info: **CHEMABS 134(01)008307M CHEMABS 134(01)**



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